

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
KADNER et al.

Appln. No. 08/958,865

Filed: October 27, 1997

For: THE PROCESS FOR PRODUCING ALUMINUM OXIDE BEADS



Group Art Unit: 1103

Examiner: G. Straub

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#32/m  
03.30.99

\* \* \* \* \*

March 24, 1999

AMENDMENT AND RESPONSE

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Office Action dated, January 22, 1999,  
entry of the amendments below and consideration of the  
following remarks, are respectfully requested.

In the CLAIMS:

19. (Amended) A process for producing substantially  
spherical aluminum oxide beads, comprising the steps of:

(a) passing an acidic aluminum oxide sol or an acidic  
aluminum oxide suspension having a viscosity of 10 to 500 mP's  
through a vibrating annular nozzle plate so as to form falling  
hydrosol droplets,

wherein the annular nozzle plate is vibrated at a  
frequency of 10 Hz to 20,000 Hz, and has at least [two] ten  
droplet nozzles,

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MAR 25 1999

GROUP 1700